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Mauna Loa Solar Observatory Observer's Log  
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Fri Dec 4 17:05:08 GMT 2015

Year: 15 Doy: 338

Observer: berkey

WEATHER COMMENT: berkey: Fri Dec 04 17:05:59 GMT 2015

Temp: 44.2f, Humidity: 10%, Pressure: 28.795in, Wind: 10mph from SE, Skies: Patchy cirrus over the whole sky. Delaying start up until things improve.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Fri Dec 04 19:15:03 GMT 2015

Skies have cleared a bit starting kcor, although images are not yet good enough for science.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Fri Dec 04 20:38:52 GMT 2015

Realigned sgs and had to fight the RA shake.

\_\_\_\_end\_\_\_\_

Fri Dec 04 20:52:12 GMT 2015 KCOR Start Synoptic Patrol

Fri Dec 04 21:28:18 GMT 2015 KCOR End Patrol

Fri Dec 04 22:48:56 GMT 2015 KCOR Start Synoptic Patrol

Fri Dec 04 23:09:39 GMT 2015 KCOR End Patrol

GENERAL COMMENT BY berkey: Fri Dec 04 23:09:39 GMT 2015

spar oscillating again

\_\_\_\_end\_\_\_\_

Sat Dec 05 00:45:58 GMT 2015 KCOR Start Synoptic Patrol

Sat Dec 05 00:52:49 GMT 2015 KCOR End Patrol

GENERAL COMMENT BY berkey: Sat Dec 05 01:35:27 GMT 2015

After some poking around it looks like the spar oscillations are related to an RA imbalance of too much mass on west side of the spar. I am not sure why this became an issue as we move in to winter. But it seems like it may have been fixed (at least this afternoon) by removing the 10lbs weights that we added to the SBS added to balance out the spar after removing COMP.

\_\_\_\_end\_\_\_\_

GENERAL COMMENT BY berkey: Sat Dec 05 01:41:59 GMT 2015

No visit from the contractor today. (Or as far as I know all week). I had expected them to be up to do some measurements for the dome swap. Its too bad we didnt have our paperwork together a little earlier. I think this would have been the perfect week to do the work. Forecast for next week seems to call for slightly higher winds but otherwise good weather.

\_\_\_\_end\_\_\_\_